

Rec'd PCT/PTO 07 NOV 2005

#8
with
PATENT SURVIVOR

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

GOLZ, Stefan et al.

Int'l Application No.: PCT/EP03/011882

Application No. 10/531,965

Filed: April 19, 2005

For: *DIAGNOSTICS AND
THERAPEUTICS FOR DISEASES
ASSOCIATED WITH HUMAN
PHOSPHODIESTERASE 10A (PDE10A)*

Art Unit: TO BE ASSIGNED

Examiner: TO BE ASSIGNED

Atty Docket: 004974.01085

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.
371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Commissioner of Patents
U.S. Patent and Trademark Office
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

In response to the Notification Of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US) dated September 19, 2005, Applicants submit herewith the following documents to complete the requirements for acceptance under 35 USC 371:

1. Fee Transmittal Sheet Form PTO-1390 (Modified) in Duplicate;
2. Copy of the Notification of Missing Requirements; and

Serial No. 10/531,965

Response to Missing Requirements
Under 35 U.S.C. 371 In The United States
Designated/Elected Office (DO/EO/US)

3. Executed Declaration for Patent Application and
4. Executed Assignment with Recordation cover sheet.

The Commissioner for Patents is authorized to charge our Deposit Account No. 19-0733 in the amount of \$170.00, as follows:

\$ 130.00 Late declaration surcharge

\$ 40.00 Recordation of Assignment.

It is not believed that any additional fees are required. However, in the event that additional fees are necessary, then such fees are authorized to be charged to our Deposit Account No. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

By: *Lisa M. Hemmendinger*
Lisa M. Hemmendinger
Registration No. 42,653

Date: *November 7, 2005*

Banner & Witcoff Ltd
Customer Number: 22907

LMH:sdm

FORM PTO-1390 (Modified) U.S. PATENT AND TRADE OFFICE; U.S. DEPARTMENT OF COMMERCE
(REV. 2-2005)TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

004974.01085

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/531,965

INTERNATIONAL APPLICATION NO.
PCT/EP2003/011882INTERNATIONAL FILING DATE
25 October 2003PRIORITY DATE CLAIMED
08 November 2002

TITLE OF INVENTION

DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH HUMAN PHOSPHODIESTERASE 10A
(PDE10A)

APPLICANT(S) FOR DO/EO/US

GOLZ et al

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☐ Express Mail Label No.
23. ☒ Other items or information:

Response to Notification of Missing Requirements and copy of Notification.

U.S. APPLICATION NO (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10/531,965		PCT/EP2003/011882		004974.01085	
The following fees are submitted:				CALCULATIONS	PTO USE
24. <input type="checkbox"/> Basic national fee		\$300		\$	\$0.00
25. <input type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).		\$100 \$200		\$	\$0.00
26. <input type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority		\$100 \$400 \$500		\$	\$0.00
All other situations.				\$	\$0.00
TOTAL OF 24, 25 and 26 =				\$	\$0.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
- 100 =	0	/50 =	0	x	\$250.00
				\$	\$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	\$130.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	- 20 =	0	x	\$50.00	\$ \$0.00
Independent claims	- 3 =	0	x	\$200.00	\$ \$0.00
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/>				+	\$360.00
TOTAL OF ABOVE CALCULATIONS =				\$	\$130.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	\$0.00
SUBTOTAL =				\$	\$130.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	\$0.00
TOTAL NATIONAL FEE =				\$	\$130.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property				\$	\$40.00
TOTAL FEES ENCLOSED =				\$	\$170.00
				Amount to be	\$
				Amount to be	\$

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130.00 DA

a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 19-0733 in the amount of \$170.00 to cover the above fees. A duplicate copy of this sheet is enclosed.


c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0733. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:
Banner & Witcoff, Ltd.
 Customer Number: 22907

November 7, 2005
 Date


 SIGNATURE
Lisa M. Hemmendinger
 NAME
42,653
 REGISTRATION NUMBER



UNITED STATES PATENT AND TRADEMARK OFFICE

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07 NOV 2005
SEP 08 2005

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov
CAROL C. BRUNN

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/531,965	Stefan Golz	Le A 36 374

35969
JEFFREY M. GREENMAN
BAYER PHARMACEUTICALS CORPORATION
400 MORGAN LANE
WEST HAVEN, CT 06516

INTERNATIONAL APPLICATION NO.	
PCT/EP03/11882	
I.A. FILING DATE	PRIORITY DATE
10/25/2003	11/08/2002

CONFIRMATION NO. 8345
371 FORMALITIES LETTER
OC000000016943425
OC000000016943425

Date Mailed: 09/06/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/19/2005
- Copy of the International Search Report filed on 04/19/2005
- Preliminary Amendments filed on 04/19/2005
- Information Disclosure Statements filed on 04/19/2005
- Biochemical Sequence Diskette filed on 04/19/2005
- Biochemical Sequence Listing filed on 04/19/2005
- Request for Immediate Examination filed on 04/19/2005
- Copy of references cited in ISR filed on 04/19/2005
- U.S. Basic National Fees filed on 04/19/2005
- Specification filed on 04/19/2005
- Claims filed on 04/19/2005
- Abstracts filed on 04/19/2005
- Drawings filed on 04/19/2005
- Paper nucleotide sequence listings filed on 04/19/2005
- Paper Computer Listings filed on 04/19/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath

or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/531,965	PCT/EP03/11882	Le A 36 374